

Emotions, Cognitions Education Project emotionally controlled laboratory experimentation (ECEECCEL)

Since 1975



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Project -I- The Fear



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Project -I-: The Fear

For the first time show the Foundation Dr. J. Mas i Manjon a report on the project educated emotions, this project lasting more than thirty years, it has been studied and experienced the possibilities of a rigorous education in a scientific way (demonstrable in the laboratory) the different emotions.

In this report we show the different psychic functions, studied with the most advanced interfaces that provide us interneuronal freedom of mobility and versatility never before experienced.

The current interfaces we use are the Emotive Epoc, which we found to be effective and versatile, we have added our accessories Epoc specific interface, our accessories give us every opportunity to study and investigate any channel of the brain bioelectrical (EEG).



Very important note:

Before interpreting the data shown, remember that bioelectrical maturation from childhood to the adult is a continuous progress.

In childhood dominated by the slow rhythms and other rhythms show an asynchronicity.

In adults progressing to faster rhythms, showing a greater synchronicity in the activity of the two hemispheres.

Studies in different age groups, all this has seriously considered the bioelectrical rhythms different values depending on age

-Psychic functions of FEAR-

-THREAT

-ABANDONMENT

-UNCERTAINTY

In laboratory experimentation in the field distinguish the two ways relevant affection:

-Affective states

-Movements or activities concerned

Movements or affective or emotional triggers are a form in which the subject is affected by the world (exogenous emotional involvement), the psychic function is receiving.

Affective states are a form of endogenous origin, affective internal psychic function that projects into the world (source affective).

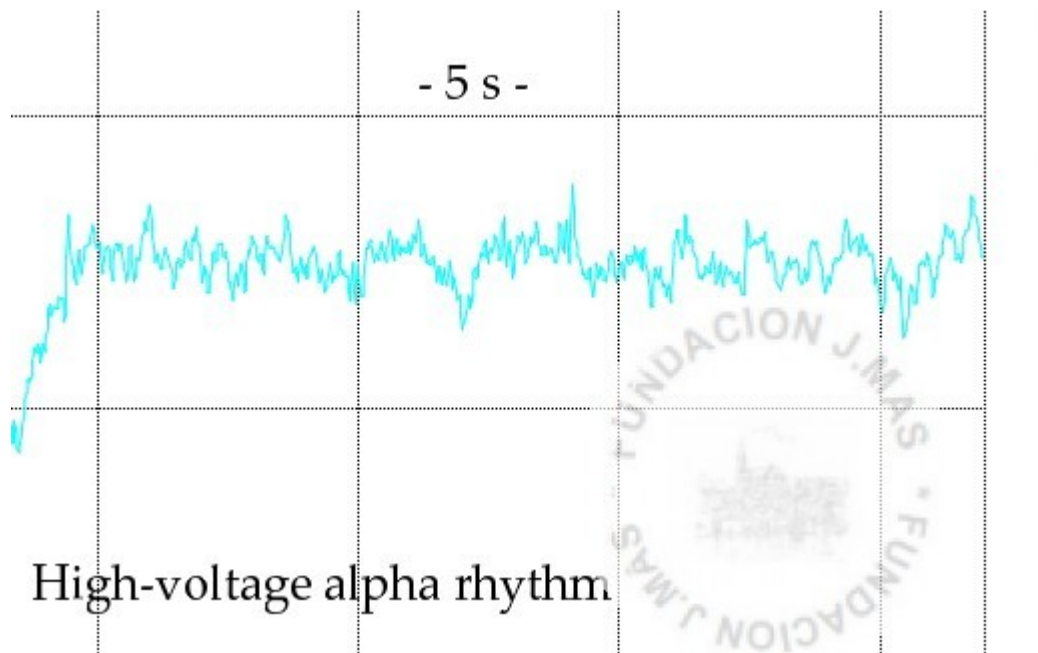
- The psychic function of threat -

The threat is a response to the pattern of movements or affective or emotional triggers.

The production of Alpha waves are abundant and the left rolandic rhythm blocked. With elements of 10-20 mV and 25-30 c / sec, that shown in the prefrontal and precentral leads in both hemispheres synchronously, although this may be a slight overall prevalence of the dominant hemisphere, sometimes it is in subsequent referrals.

This reactivity to the threat is very important for the production of Alpha waves are observed in the electroencephalography records. This shows no association with the reaction of surprise, as electroencephalography records in the reaction of surprise, it shows the rate lock Alfa, this does not happen in the reactive function of the threat.

The psychic function of the threat (perception of something to someone, it try to do some damage) causes a state of alert that the dominance of alpha waves and high voltage abundant predominates.



- The psychic function of abandonment -

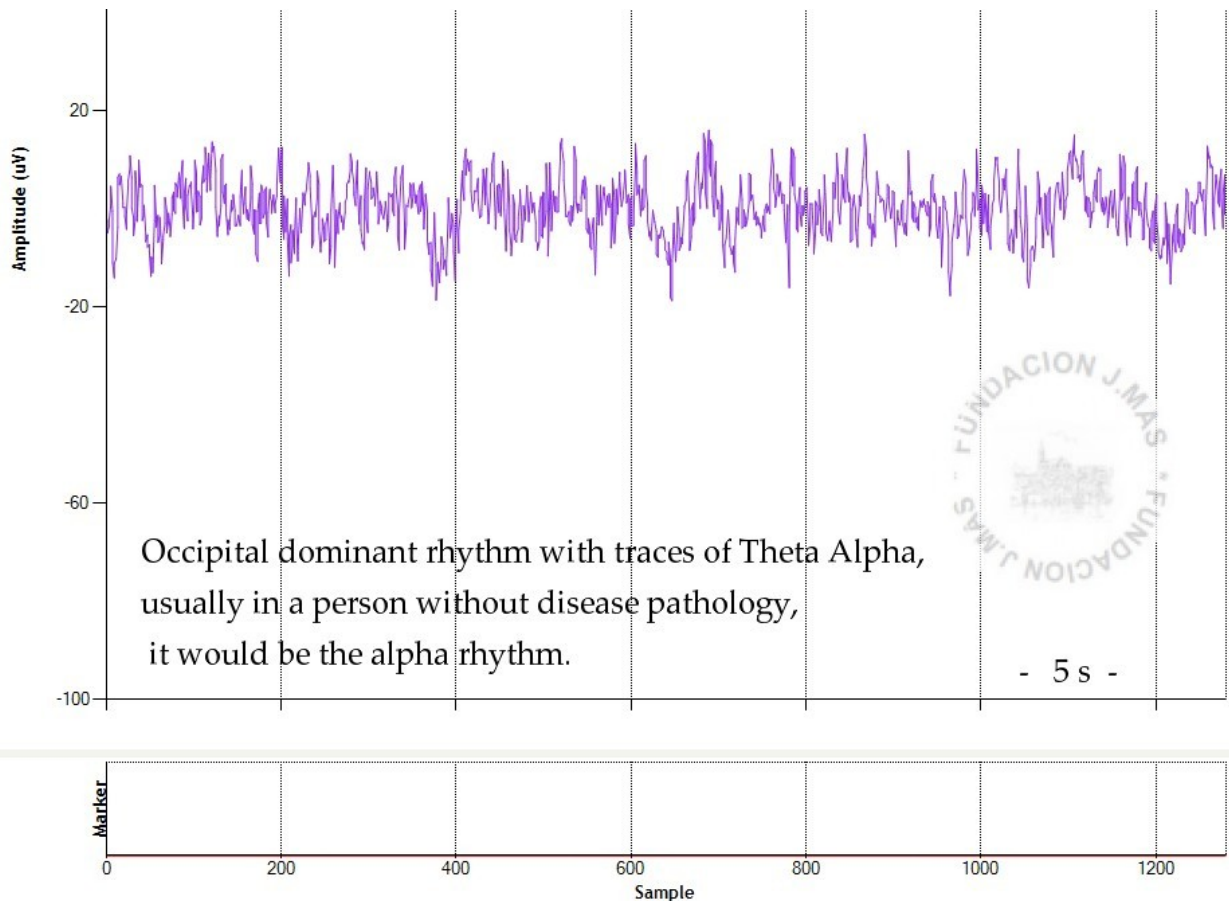
There is an affective state reactivity, emotionality internal projects to the world. Electroencephalography records show an abundance of theta rhythms, these rhythms are not direct and immediate consequence of abandonment, appear later.

It is a reactive origin similar to the consequences caused by the frustration, but is only an analogy, since we are observing interaction of psychic functions are triggering fear.

Frequency ranges between 7 c/s theta to 5c/s .

The explanation of why the show theta rhythm to the mental function of abandonment, it is similar to a formation of conditioned reflexes bioelectric, an interesting finding.

There is a very important observation, if keep the bioelectric response, then it just not happen (fade).



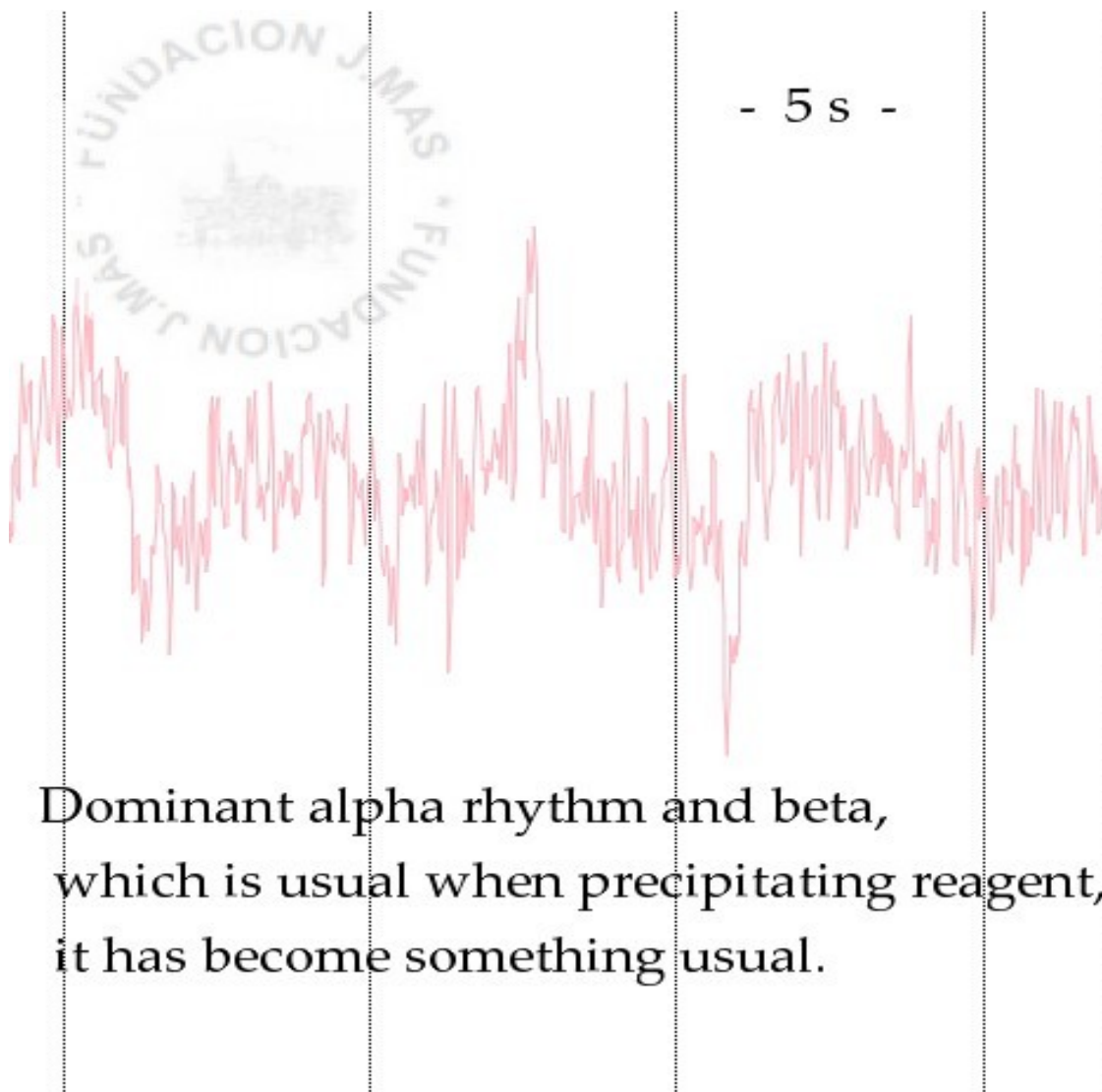
- The psychic function of uncertainty -

The uncertainty shows affective state and emotional movement, the combinación of both causes a complex reactivity.

There is a predominant alpha rhythm in the path, shown in occipital

and parietal leads, with a huge range, this frequency is higher: 8-9 c / s and 11-12 c / s in the reactivities more severe.

The dispersion shows frequency ranges between 7-14 c / s, tends to coincide with the normal average and this to be symmetrical. Emphasizing that the alpha rhythms are slow and abundant in specific circumstances may vary at rapid rates, resulting in compensation.



Comments:

We note that the three mental functions interact in a group, the tracings show asymmetries, which include observing traces the origin of each one of them.

The reactivities of the three fear mental functions are intermittent and variable, it shows a complex and varied diversity of experiencing fear.

Educate fear:

We can deduce from the observations that may raise the fear of a scientific (demonstrable in the laboratory).

The use of neural interfaces and programming psycho-neuro-linguistic provides a means to educate each mental function in a specific way and also so large.

Comment from field experimentation:

Tests conducted over thirty years, a number of subjects, two thousand experiments (educating mental functions with interfaces), show results validated by the positive responses. Tests conducted in other fields with other emotions, show similar results.

This report is an example of rigorous research in the field of emotions and cognitions.

It is possible to educate, help understand the emotions interacting with cognitions from a scientific view, we can replicate, repeat laboratory conditions, all of which radically changes what was until recently thought it was just philosophical, it is possible do it methodically and effectively useless without philosophy without beliefs.

Progressively edit all other emotions investigated in rigorous study method.



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